

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE CONSTRUCTION OF A TEMPORARY SIGNAL AT THE INTERSECTION OF MD 355 AND MONTROSE ROAD/RANDOLPH ROAD IN MONTGOMERY COUNTY. MD 355 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION WILL OPERATE IN A SEMI ACTUATED MODE USING SIX NEMA PHASES. AN EXCLUSIVE LEFT TURN PHASE WILL BE PROVIDED FOR NORTHBOUND MD 355, WESTBOUND RANDOLPH ROAD AND EASTBOUND MONTROSE ROAD. A RIGHT TURN OVERLAP WILL BE PROVIDED FOR EASTBOUND MONTROSE ROAD.

PEDESTRIAN OPERATION

PEDESTRIAN PHASES ACROSS THE WEST LEG WILL RUN CONCURRENTLY WITH PHASE 2 AND 6. A PEDESTRIAN PHASE WILL BE PROVIDED ACROSS THE NORTH LEG WITH PHASE 4 AND 7.

SPECIAL NOTES

1. THE CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:

PROJECT CONTACTS:

MR. JEFFREY WENTZ, ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 513-7358
MR. DUANE BERNDARD, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
PHONE: (301) 513-7336
MR. VERNON STINNETT, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (301) 513-7304
MR. AUGIE REBISH, UTILITY ENGINEER
PHONE: (301) 513-7350
MR. ROBERT SNYDER, SR. CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

MR. KAMAL HAMUD
MONTGOMERY COUNTY
240-777-8761

MR. STEVE CUSTER
PEPCO CUSTOMER DESIGN
201 W. GUIDE DR.
ROCKVILLE, MD 20850
PHONE: (301) 548-4333

2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING THE FOLLOWING STANDARD PLATES FOR TRAFFIC CONTROL: 104.00 - 30, 104.12 - 01, 104.13 - 01, 104.31 - 01, 104.32 - 01, 104.81- 02

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

| CATEGORY | DESCRIPTION | UNITS | QUANTITY |
|----------|-------------|-------|----------|
| CODE NO. | | | |

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

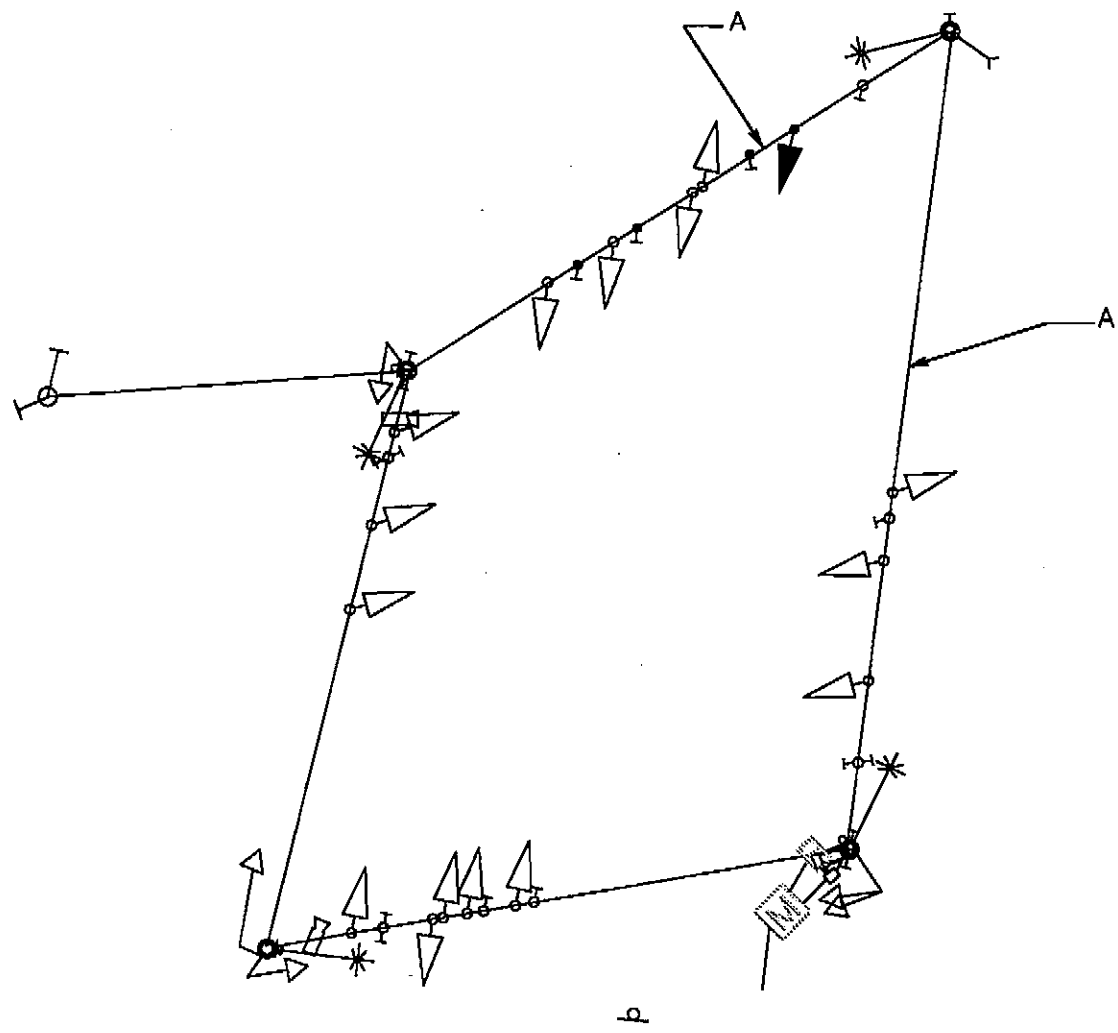
| CATEGORY | DESCRIPTION | UNITS | QUANTITY |
|----------|---|-------|----------|
| CODE NO. | | | |
| 114010 | 5 INCH WHITE NONTXIC LEAD FREE WATERBORNE PAVEMENTMARKING PAINT | LF | 150 |
| 120500 | MAINTENANCE OF TRAFFIC | LS | 1 |
| 800000 | REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT | LS | 1 |
| 800000 | REMOVE EXISTING SIGN | EA | 1 |
| 860284 | 12" VEHICULAR LED TRAFFIC SIGNAL HEAD SECTION (POLY CARBONATE) | EA | 3 |

KEY

WIRING DIAGRAM

5 - CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)

ALL OTHER WIRING SAME AS PREVIOUS STAGE.
REMOVE CABLES ATTACHED TO SIGNALS THAT HAVE BEEN REMOVED.



PHASE CHART

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|----------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|-----|-----|-----|-----|
| | | | | | | | | | | | | | | | | | | | | |
| PHASE 2 AND 5 | | | G | G | R | R | | | | R | R | | | | | DW | DW | DW | DW | |
| PHASE 2 AND 5 CHANGE | | | G | G | R | R | | | | R | R | | | | | DW | DW | DW | DW | |
| PHASE 2 AND 6 | | | G | G | G | G | | | | R | R | | | | R | R | WK | WK | DW | DW |
| PEDESTRIAN CLEARANCE | | | G | G | G | G | | | | R | R | | | | R | R | FDW | FDW | DW | DW |
| PHASE 2 AND 6 CHANGE | | | Y | Y | Y | Y | | | | R | R | | | | R | R | DW | DW | DW | DW |
| PHASE 3 | | | R | R | R | R | | | | R | R | | | | | DW | DW | DW | DW | |
| PHASE 3 CHANGE | | | R | R | R | R | | | | R | R | | | | | DW | DW | DW | DW | |
| PHASE 4 | | | R | R | R | R | | | | G | G | | | | R | R | DW | DW | DW | DW |
| PHASE 4 CHANGE | | | R | R | R | R | | | | Y | Y | | | | R | R | DW | DW | DW | DW |
| PHASE 4 ALT. | | | R | R | R | R | | | | G | G | | | | R | R | DW | DW | WK | WK |
| PEDESTRIAN CLEARANCE | | | R | R | R | R | | | | G | G | | | | R | R | DW | DW | FDW | FDW |
| PHASE 4 ALT CHANGE | | | R | R | R | R | | | | Y | Y | | | | R | R | DW | DW | DW | DW |
| FLASHING OPERATION | | | Y | Y | Y | Y | | | | R | R | | | | R | R | FDW | FDW | FDW | FDW |



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

MD 355 AT MONTROSE RD /RANDOLPH RD
PHASE 2, STAGE 4

GENERAL INFORMATION SHEET

SCALE NONE DATE N/A CONTRACT NO. M08305171

DESIGNED BY AMH COUNTY MONTGOMERY
DRAWN BY AF LOGMILE 15035506.70
CHECKED BY JFL 2/24/09 TIMS NO. G248
FAP NO. AC-STP-HP-1334(001)E TOD NO.

TS NO. 2692D DRAWING SP - 12 OF 41 SHEET NO. 16 OF 84

ENGINEERS
PLANNERS
SCIENTISTS
CONSTRUCTION MANAGERS

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